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FROM
THOMAS MEEHAN & SONS, Inc.,
 WHOLESALE DEPARTMENT,
 DRESHERTOWN,
 MONTGOMERY CO., - - PA.

ESTABLISHED, 1854

CAPITAL STOCK, \$100,000

INCORPORATED, 1902

J. FRANKLIN MEEHAN, Pres't
 S. MENDELSON MEEHAN, Vice-Pres't
 THOMAS B. MEEHAN, Sec. & Treas.

Season 1903-4

PRICE LIST
 OF
SEEDS

OF
Trees, Shrubs and
Fruits

FOR SALE BY

THOMAS MEEHAN & SONS, Inc.

Nurserymen, Tree Seedsmen and Landscape Engineers.
Germantown, Phila., Pa.

AS WE COLLECT but few more seeds than are ordered, this list is, of course, issued in advance of the season, and there may possibly be some which may fail to mature. To secure a full supply, early orders are solicited.

In some seeds, especially *Quercus* and *Carya*, an egg is deposited by a fly, which cannot be detected until the worm makes the hole in the seed on its exit, and there are often some unsound ones which it is impossible to detect when collecting them. We do our best to collect in places believed to be free from the insect, and to give only sound and perfect seeds. Injuries which may come from these hidden causes are, of course, at the risk of the purchaser. There are some trees, such as the *Liriodendron* and *Acer Saccharinum*, for instance, which never perfect all their seeds; some are always bad, and there is no way to separate the imperfect ones.

Not less than one-quarter pound is furnished at pound rates, nor one-quarter bushel at the bushel rates. Half ounces of any of the seeds may be obtained where the price per ounce is not quoted at less than twenty cents. Satisfactory arrangements for payment must accompany orders from unknown correspondents. When seeds are to go by mail, the charge is eight cents per pound additional. P. O. orders payable at Philadelphia,

GERMINATION OF THE SEED

Most failures with seed arise from not sowing it in **Partial Shade**. In hot bursts of sun come on the seed beds while the seeds are swelling and cold follows, many of them are liable to rot before they appear above the surface. For raising seeds on an extensive scale, many now use artificial arbors, tall enough to work under. For small lots, brushwood, or a thin shade of cornstalks, or a skeleton frame, is an excellent plan. Where birds are destructive, lattice frames are made to cover the beds with. There are many kinds of seeds which, in the hands of experienced cultivators, need no shade, but to all persons of limited knowledge we would recommend to shade every one.

Seeds take some time to swell their coats after going in the ground, hence all should be put in as early as possible—even though the frost be not out of the ground—if any dry soil can be had to cover. Many find advantage in sowing even on frozen soil. In some climates where the springs are early, some seeds will remain in the ground till the following season. If they fail to appear by the time the spring is over, examine, and if found with fresh kernels, keep the beds weeded and shaded till the next season.

These simple directions are all that anyone needs to have tolerable success in raising tree seeds. The greater the experience, of course, the greater the success.

Guarantee.—While we exercise great care to have all seeds pure and reliable, our seeds are sold without any warranty, express or implied, and without any responsibility in respect to the crop, there being too many causes known and unknown which prevent good seeds from germinating. Orders are accepted and shipped on these terms. Should the seeds prove unsatisfactory on receipt, customers will kindly correspond with us immediately in regard to their disposition.

All our seeds are fresh. All are carefully examined before sending. Nothing is sold but what seems, to the best of our knowledge, to be first-class. Anxious to have our customers come to us regularly every year, it is not to our interest to send anything but first-class seeds. What are unsold at the close of the season, we sow ourselves, to keep up our supply of seedlings, hence customers can rely on the fresh quality of what we offer.

Evergreens

	Per lb.	Per oz.
<i>Abies alba</i> , White Spruce	\$3 75	\$0 40
“ <i>Canadensis</i> , Hemlock “	3 50	35
“ <i>Caroliniana</i> , Carolina “		75
“ <i>Douglasii</i> , Douglas “	2 60	30
“ “ (From Colorado)	2 75	35
“ <i>Engelmanni</i>	4 50	50
“ <i>excelsa</i> , Norway “	85	15
“ <i>Hookeriana</i>	5 50	50
“ <i>Mertensiana</i>	5 50	60
“ <i>nigra</i> , Black “	2 75	30
“ <i>pungens</i> , Colorado Blue “	3 25	35
“ <i>Sitchensis</i> (<i>Menziesii</i>)	3 50	35
“ <i>taxifolia</i>	5 00	50
<i>Arctostaphylos glauca</i>	1 25	15
“ <i>pungens</i>	1 25	15
“ <i>tomentosa</i>	2 00	20
<i>Brahea edulis</i> , Palm	3 00	35
“ <i>filamentosa</i> “	1 75	20
“ <i>glauca</i> “	3 00	35
<i>Buxus sempervirens</i> , Box	1 25	15
<i>Cedrus Atlantica</i> , Mt. Atlas Cedar	3 00	30
“ <i>Deodara</i> , Deodar Cedar	3 00	30
“ <i>Libani</i> , Cedar Lebanon	3 50	35
<i>Cerasus Caroliniana</i> , Cherry Laurel	1 00	15
“ <i>ilicifolia</i>	1 50	15
<i>Crataegus Pyracantha</i> , Evergreen Thorn	75	15
<i>Cryptomeria Japonica</i> , Japanese Cedar	1 50	15
<i>Cupressus Goveniana</i>	3 00	30
“ <i>Guadalupensis</i>	3 00	30
“ <i>Lawsoniana</i> , Lawson's Cypress	3 50	35
“ <i>macrocarpa</i> , Monterey “	1 00	20
“ <i>McNabiana</i>	2 50	25
“ <i>thyoides</i> , White Cedar	2 50	25
<i>Garrya elliptica</i>		1 00
<i>Gaultheria procumbens</i> , Winter Green, Tea Berry	2 00	25
<i>Ilex aquifolium</i> , English Holly	75	10
“ <i>opaca</i> , American “	75	10
<i>Juniperus Californica</i>	1 75	20
“ <i>Chinensis</i> , Chinese Juniper	1 50	15
“ <i>communis</i> , Common “	1 00	10
“ <i>occidentalis</i> , Western “	1 00	15
“ <i>monosperma</i>	1 50	20
“ <i>pachyphlæa</i>	1 50	20
“ <i>prostrata</i> , Creeping “	50	10
“ <i>sabina</i> , Savin “	1 00	10
“ <i>suecica</i> , Swedish “	1 50	15
“ <i>Utahense</i>	1 50	20
“ <i>Virginiana</i> , Red Cedar	50	10
<i>Kalmia angustifolia</i> , Laurel	8 00	75
“ <i>latifolia</i> , Sheep Laurel	8 00	75

	Per lb.	Per oz.
Laurus Caroliniensis, Bay.....	\$1 00	\$0 15
Libocedrus decurrens.....	3 00	30
Mahonia aquifolia.....	1 00	10
Magnolia grandiflora, Evergreen Magnolia.....	1 25	20
Nuttallia cerasiformis.....	3 00	40
Oreodaphne Californica.....	1 25	20
Photinia arbutifolia.....	2 00	25
Picea amabilis, California Fir.....	4 00	40
“ balsamea, Balsam Fir.....	1 25	15
“ concolor.....	2 00	25
“ Fraseri.....	3 50	35
“ grandis, Pacific Coast Fir.....	2 50	25
“ magnifica “ “ “.....	4 00	50
“ nobilis “ “ “.....	3 00	40
“ Nordmanniana, Nordman Fir.....	1 50	15
“ pectinata, Silver “.....	50	10
“ sub-alpina.....	4 50	50
Pinus aristata, Colorado Fox-tail Pine.....	5 00	50
“ Austriaca, Austrian Pine.....	1 75	20
“ Banksiana.....	7 00	70
“ Benthamiana.....	4 00	40
“ cembra, Swiss “.....	75	10
“ contorta.....	6 00	65
“ Coulteri.....	3 25	40
“ edulis, Pinyon “.....	2 50	30
“ excelsa, Himalayan “.....	3 50	35
“ flexilis, Colorado Pine.....	4 00	40
“ Fremontiana.....	2 50	30
“ inops, Jersey “.....		50
“ insignis.....	2 35	30
“ Jeffreyi.....	3 25	40
“ Lambertiana, Sugar Pine.....	2 50	30
“ Laricio.....	2 50	25
“ mitis.....	3 50	35
“ monophylla.....	2 50	30
“ monticola, Pacific Coast White Pine.....	4 50	50
“ mughus, Dwarf Mount'n “.....	3 00	30
“ muricata.....	4 00	50
“ Murrayana.....	7 00	75
“ palustris, Yellow Broom Pine.....	3 00	35
“ Parryana.....	4 00	40
“ ponderosa, Heavy Wooded Pine.....	2 25	25
“ “ (From Colorado).....	2 25	25
“ resinosa, Red “.....	6 00	75
“ rigida, Pitch “.....	2 50	30
“ Sabiniana.....	2 00	25
“ strobilus, White “ (in 10 lb lots \$2.60 per lb).....	2 75	30
“ sylvestris, Scotch “.....	1 50	20
“ taeda.....	3 00	30
“ Torreyana.....	2 50	30
“ tuberculata.....	4 00	40
Prinos glaber, Ink Berry.....	1 50	20
Rhododendron Catawbiense, Mountain Laurel.....		I 00
“ maximum “ “.....	8 00	75
“ punctatum “ “.....		I 00
Sabal Adansonii, Palm.....	I 00	0 15

	Per lb.	Per oz.
Sabal Palmetto, Palm	\$1 00	\$0 15
“ serrulata, Saw Palm	1 00	15
Sequoia gigantea, California Big Tree	5 00	50
“ sempervirens “ Red Wood	3 25	40
Taxus baccata, English Yew	1 25	15
“ brevifolia.....		1 00
Thuja gigantea, Western Arbor-vitæ	3 50	35
“ occidentalis, American “.....	1 50	25
“ Orientalis, Chinese “.....	75	10
“ “ aurea, “ Golden “.....	1 25	
Torreya Californica.....	1 75	15
Ulex Europæa, Furze	75	10
Yucca aloifolia Adam's Needle	3 00	30
“ angustifolia “ “.....	2 50	25
“ baccata “ “.....	4 50	50
“ brevifolia “ “.....		1 25
“ filamentosa “ “.....	3 50	40
“ Whipplei “ “.....	5 00	50

Deciduous Trees and Shrubs

	Per lb.	Per oz.
Acacia julibrissin, Mimosa Tree	\$0 75	\$0 10
Acer campestre, English Maple	50	10
“ circinatum.....	2 00	30
“ dasycarpum, Silver “.....	1 00	15
“ Ginnala.....	2 50	25
“ glabrum.....	1 50	20
“ macrophyllum, Oregon “.....	75	15
“ nigrum, Black “.....	1 00	15
“ platanoides, Norway “.....	50	10
“ pseudo-platanus, Sycamore “.....	75	10
“ rubrum, Red “.....	1 25	15
“ saccharinum, Sugar “.....	65	10
“ spicatum, Mountain “.....	1 50	15
“ striatum, Striped “.....	1 50	15
Ailanthus glandulosa, Tree of Heaven	50	10
Alnus glutinosa, Alder	60	10
“ Oregona.....	5 00	40
“ serrulata, Swamp Alder	1 25	15
Amelanchier Botryapium.....	1 00	10
Amorpha fruticosa, Indigo Shrub	1 00	15
Andromeda arborea.....	6 00	60
“ axillaris.....	6 00	60
“ calyculata.....	6 00	60
“ Catesbæi.....		1 00
“ ferruginea.....		75
“ ligustrina.....	6 00	60
“ Mariana.....	6 00	60
“ racemosa.....	6 00	60
Aralia spinosa, Angelica Tree		50
Arbutus Menziesii.....	2 00	25
Ascyrum crux-andræa.....		1 00
“ stans.....		1 00

	Per lb.	Per oz.
Asimina triloba, Pawpaw	\$0 75	\$0 15
Azalea calendulacea.....		75
“ nudiflora.....		75
“ viscosa.....		75
Baccharis halimifolia, Groundsel Shrub	2 00	20
Berberis Thunbergii, Barberry	2 50	25
“ vulgaris, Common “.....	75	10
“ “ purpurea, Purple “.....	1 75	20
Betula alba, European White Birch	50	10
“ excelsa, Yellow “.....	1 50	15
“ lenta, Sweet “.....	1 50	20
“ papyracea, Paper “.....	1 75	20
“ populifolia, Poplar “.....	1 25	10
“ rubra, Red “.....	2 00	25
Bumelia tenax.....	1 25	20
Callicarpa Americana.....	1 50	15
“ purpurea.....	2 00	20
Calycanthus floridus lævigatus, Sweet Shrub	75	15
“ occidentalis, Western “.....	2 50	25
Caragana arborescens, Siberian Pea	1 00	15
Carpinus Americana, Hornbeam	1 00	10
“ Betulus, European “.....	75	10
Carya alba, Shellbark Hickoryper bushel, \$3.00	25	
“ amara, Bitter-nut “.....	3.00	25
“ aquatica, Southern “.....	6.00	25
“ olivæformis, Pecan-nut “.....	8.00	50
“ porcina, Pig-nut “.....	3.00	25
“ sulcata, West'n Shellb'k “.....	3.50	25
“ tomentosa, White “.....	3.00	25
Cassia Marilandica, Wild Senna	1 00	15
Catalpa bignonioides.....	1 00	15
“ speciosa.....	75	10
“ Teas, Hybrid	1 00	10
Ceanothus Americanus.....	2 00	20
“ thyrsoiflorus.....		50
“ divaricatus.....		50
“ integerrimus.....		50
Celtis occidentalis, Nettle Tree	1 00	15
Cephalanthus occidentalis.....	75	15
Cerasus Caroliniana.....	1 00	15
“ ilicifolia.....	1 50	15
“ Padus, European Bird Cherry	1 50	15
“ Pennsylvanica.....	2 00	20
“ serotina, American “.....	50	10
“ Virginiana.....	75	15
Cercis Canadensis, Judas Tree	1 25	15
Chionanthus Virginica, White Fringe	1 25	20
Citrus trifoliata, Hardy Orange	1 75	20
Cladrastis tinctoria, Virgilia	5 00	40
Clethra alnifolia, Sweet Pepper Bush	6 00	60
Colutea arborescens.....	75	10
Cornus alternifolia, Blue-berried Dogwood	1 00	20
“ florida, Large White Dogwood	50	10
“ Mas, Cornelian Cherry	75	10
“ Nuttalli.....	2 00	20
paniculata, White-berried Dogwood		50

	Per lb.	Per oz.
Cornus sericea, Silky Dogwood	\$1 00	\$0 15
Corylus Americana, Hazel Nut	1 00	10
rostrata, ".....	1 00	10
Crataegus coccinea, White Thorn, berries	1 00	15
cordata, Washington ".....	1 00	15
crus-galli, Cockspur ".....	1 00	15
oxyantha, English ".....	75	10
Cyrilla racemiflora.....		25
Cytisus Laburnum.....	75	10
Diospyros Virginiana, Persimmon	50	10
Dirca palustris, Leatherwood	3 00	30
Elæagnus parvifolia, Silver Thorn	3 00	30
umbellata, ".....	2 00	20
Eucalyptus globulus, Blue Gum Tree	4 00	50
leucoxylon.....		80
resinifera.....		80
rostrata.....		I 00
viminalis.....		75
Euonymus Americanus, Burning Bush	I 50	20
atropurpureus, ".....	I 25	15
Fagus ferruginea, American Beech	75	15
sylvatica, European ".....	75	15
Fraxinus Americana, White Ash	50	10
excelsior, European ".....	50	10
Oregona, ".....	2 00	20
Ornus, Flowering Ash	75	10
platycarpa.....	I 50	15
quadrangulata, Blue ".....	I 25	15
sambucifolia, Black ".....	I 00	15
Texensis.....	2 50	25
viridis, Green ".....	75	15
Fremontia Californica.....		I 00
Gaylussacia resinosa.....	I 50	15
Gleditschia triacanthos, Honey Locust	50	10
Gymnocladus Canadensis, Kentucky Coffee	50	10
Halesia diptera, Snowdrop Tree	I 50	15
tetraptera ".....	I 00	15
Hamamelis Virginica, Witch Hazel	I 50	20
Hibiscus Syriacus, Althæa	I 50	20
Hippophaë rhamnoides, Sea Buckthorn	I 25	15
Hydrangea arborescens.....	2 00	20
Hypericum densiflorum, St. John's Wort		75
prolificum ".....		75
Ilex decidua.....	I 50	25
Itea Virginica.....	2 00	20
Juglans cinerea, Butternut	per bushel, \$2 00	15
nigra, Black Walnut	2.00	15
regia, English ".....	7.00	35
Koelreuteria paniculata, Varnish Tree	I 50	20
Larix Europæa, European Larch	I 50	15
Lindera Benzoin, Spice Bush	I 00	15
Liquidambar styraciflua, Sweet Gum	2 50	30
Liriodendron tulipifera, Tulip Tree	50	10
Maclura aurantiaca, Osage Orange	50	10
Magnolia acuminata.....	I 50	20
Fraseri.....		75
glauca, Sweet Bay	I 75	25

	Per lb.	Per oz.
Magnolia grandiflora, Evergreen	\$1 25	\$0 20
" macrophylla	1 50	25
" tripetala	1 50	20
Melia azederach, China Tree	1 00	15
Morus alba, White Mulberry	1 50	15
" rubra, Red " berries.....	2 50	25
" tatarica, Russian "	2 50	25
Myrica Californica, Wax Myrtle	2 50	25
" cerifera, " "	1 00	15
Negundo fraxinaefolia, Ash-leaved Maple	40	10
Nyssa aquatica, Sour Gum	1 50	20
" capitata, " "	1 50	20
" uniflora, " "	1 50	20
" multiflora, " "	1 00	15
Ostrya Virginica, Iron Wood	1 25	20
Parkinsonia aculeata.....	3 50	35
Passiflora lutea.....		75
Paulownia imperialis, Empress Tree	1 50	20
Phellodendron Amurense.....	2 00	25
Platanus occidentalis, American Plane	75	10
" Orientalis, Oriental "	50	20
" racemosus, Pacific "	4 00	50
Prinos verticillatus, Deciduous Holly	1 25	15
Prosopis pubescens, pods	1 25	15
" juliflora, "	1 50	20
Prunus Americana, Wild Plum	75	10
" maritima, Beech "	1 00	15
Ptelea trifoliata, Hop Tree	1 00	15
Pyrus Americana, American Mountain Ash	1 50	15
" aucuparia, European " "	50	10
" arbutifolia.....	2 00	25
" melanocarpa.....	2 00	25
" rivularis.....		35
Quercus alba, White Oakper bushel, \$4.00	30	
" aquatica	8.00	50
" Banisteri	5.00	40
" bicolor	4.50	30
" Catesbaei	8.00	50
" cerris, Turkey "		50
" coccinea, Scarlet "	5.00	40
" Garryana		1 00
" imbricaria, Laurel "		50
" laurifolia, South'n Laurel Oak , "	8.00	1 00
" lyrata	6.00	50
" macrocarpa, Burr Oak	4.50	30
" nigra, Black Jack "	5.00	50
" obtusiloba, Post "	6.00	50
" palustris, Pin "	5.00	40
" Phellos, Willow "	8.00	1 00
" Prinus, Chestnut "	4.00	30
" Robur, English "		50
" rubra, Red "	3.50	30
" Texana	8.00	50
" tinctoria, Black "	5.00	40
Rhamnus Caroliniana, Buckthorn	1 00	15
" cathartica "	1 00	10

	Per lb.	Per oz.
Rhamnus Purschiana, Buckthorn	\$3 00	\$0 30
Rhus aromatica, Sweet Sumach	2 50	25
“ copallina, Shining “.....	1 00	15
“ cotinus, Mist Bush	2 00	
“ glabra, Smooth Sumach	1 00	20
“ radicans.....	1 50	20
Rhus typhina, Stag's Horn Sumach	1 00	20
“ venenata.....	1 50	20
Ribes sanguineum, Flowering Currant	4 00	50
Robinia pseud-acacia, Yellow Locust	50	10
Rosa blanda.....	1 00	15
“ Carolina, Berries	1 00	15
“ rubiginosa.....		50
“ setigera, Berries	1 00	15
Salisburia adiantifolia, Ginkgo	2 00	25
Sambucus Canadensis, Elder	1 50	25
“ pubens, Red-berried Elder		50
“ nigra, English Elder	1 00	10
Sapindus marginatus, Soap-berry	1 50	25
Sassafras officinale.....	1 00	15
Sophora Japonica, Pagoda Tree	75	10
Spiræa ariæfolia.....		50
“ opulifolia.....	2 50	30
“ salicifolia.....		75
“ tomentosa.....		25
Staphylea trifolia, Bladder-nut	2 50	20
Symphoricarpos vulgaris, Indian Currant		50
Taxodium distichum.....	1 00	15
Tilia Americana, American Linden	1 00	20
“ Europæa, European “.....	75	15
Ulmus Americana, Am. Elm	1 25	15
“ campestre Eu. “.....	50	10
“ crassifolia.....	2 00	30
“ fulva, Slippery Elm	1 75	20
“ montana, Wych. “.....	75	15
Vaccinium arboreum.....	1 50	20
“ macrocarpum, Cranberry, clean seed		2 50
“ Pennsylvanicum, Huckleberry	1 50	10
“ stamineum.....	1 50	15
Viburnum acerifolium.....	1 50	25
“ cassinoides.....	2 00	20
“ dentatum.....	1 50	15
“ lantanoides.....	2 00	20
“ Lentago.....	1 50	15
“ nudum.....	1 50	15
“ oxycoccos.....	1 50	15
“ prunifolium.....	1 00	15
“ Sieboldi.....	2 00	20
Zanthoxylon Carolinianum, Prickley Ash	2 50	30
“ fraxinæfolium “ “.....	1 50	15

Vines and Climbers

	Per lb.	Per oz.
Ampelopsis heterophylla variegata, Variegated Grape		\$0 30
“ Veitchii, Japan Creeper	\$1 00	15
“ Virginica, Virginia “.....	1 00	15

	Per lb.	Per oz.
Berchemia volubilis.....		75
Bignonia capreolata, Cross Vine	3 00	30
“ radicans, Trumpet Vine	2 00	20
Celastrus scandens, Staff Vine	1 50	20
Clematis coccinea.....		75
“ crispa.....		75
“ flammula.....	1 00	15
“ Virginiana.....		35
“ vitalba.....	1 00	15
“ viticella.....	1 50	15
Hedera Helix, Ivy		75
Menispermum Canadense, Moon Seed	1 50	20
Passiflora lutea.....		75
Smilax glauca.....	1 50	15
“ laurifolia.....	1 50	20
“ rotundifolia.....	1 50	20
“ Walteri.....	1 25	20
Vitis. See Fruits.		
Wistaria frutescens.....	1 50	15
“ sinensis.....	3 00	30

Many of the foregoing seeds can be supplied in large quantities, and to those who order in 25-pound or 25-bushel lots, we will make a discount on the quoted prices.

Fruits

	Per lb.	Per oz.
Apple, French Crab, supply exhausted.....		
Cherry, Mazzard, \$7.00 per bush.; 3 bush. at \$6.00 per bush.; 5 bush. at \$5.25 per bush.....	\$0 20	
Chestnut, American.....		30
“ Spanish.....		30
Grape, Vitis æstivalis.....	1 00	\$0 20
“ “ Californica.....	2 00	25
“ “ cordifolia.....	1 00	25
“ “ labrusca.....	1 00	25
“ “ riparia.....	1 00	20
“ “ Scuppernong (vulpina).....	2 00	20
Hazel Nut, American.....	1 00	10
Mulberry, White.....	1 50	15
“ Russian.....	2 50	25
Peach, Western Naturals, \$1.25 per bushel; 50 bush. or more at \$1.15 per bush.....	20	
Pear, French. Prices later.....		
“ Kieffer, 10 lbs. at \$2.25 per lb.; 25 lbs. at \$2.00 per lb.; 50 lbs. at \$1.75 per lb.; 100 lbs. at \$1 60 per lb..		
Pecan Nut..... per bushel \$8.00	50	
Plum, Myrobolan, \$10.00 per bush.; 3 bush. at \$9.00 per bush.; 5 bush. at \$8.50 per bush.....		
Quince, 5 lbs. at \$1.25 per lb.; 10 lbs. at \$1.00 per lb.....	1 50	
Shellbark..... per bushel, \$3.00	25	
Walnut, Black..... “ “	2.00	15
“ Butternut..... “ “	2.00	15
“ English..... “ “	7.00	35

Enquiries for large lots solicited.